

B125

PAT-NO: JP402092603A
DOCUMENT-IDENTIFIER: JP 02092603 A
TITLE: MANUFACTURE OF DATA RECORDING BOARD
WITH GUIDE GROOVE
PUBN-DATE: April 3, 1990

INVENTOR-INFORMATION:

NAME
KURIKAWA, AKINORI
KAWAI, HISAO

ASSIGNEE-INFORMATION:

NAME	COUNTRY
HOYA CORP	N/A

APPL-NO: JP63246380

APPL-DATE: September 30, 1988

INT-CL (IPC): B29C043/18, B29C043/56 , G11B007/26 ,
G11B011/10

US-CL-CURRENT: 264/102, 264/496

ABSTRACT:

PURPOSE: To prevent bubbles from remaining in hardening resin by a method wherein the space between a board and a stamper is evacuated.

CONSTITUTION: Ultraviolet-curing resin 2 is applied on a disc board 1 made of glass at the middle part radially. The disc board 1 and a stamper 3 are laminated to each other after the board 1 is turned upside down so as to face the resin 2 downward. Next, after the laminated board 1

and the stamper 3 are placed in a processing vessel 4, the space between the board 1 and the stamper 3 is evacuated so as to remove bubbles left in the resin 2 and, under the above-mentioned state, to pressurize from both sides in order to produce a voidless and uniform resin film 2a between the board 1 and the stamper 3. Next, under the state that both board 1 and the stamper are fixed to each other by pressure, ultraviolet rays 8 are irradiated through a glass top plate 7 on the board 1 so as to produce guide grooves 9 by curing the resin film 2a. Next, the laminated board 1 and the stamper 3 are removed from the processing device 4 and finally both the board and the stamper are separated from each other.

COPYRIGHT: (C)1990,JPO&Japio